HDMI SWITCH USER MANUAL

MODEL 177368

MANHATTAN

MAN-177368-UM-0409-01

Thank you for purchasing this MANHATTAN® HDMI Switch, Model 177368.

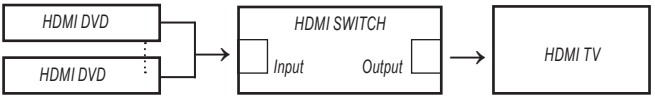
By being able to select among multiple high-definition sources sharing a single display, you can keep devices connected and ready to use, eliminating the need to swap cables and thus reducing the risk of high-performance cable and port damage. Using this manual for reference, you'll soon be enjoying the benefits of these features:

- Maintains highest single-link resolutions for clear, sharp images up to 2.5 Gbps, 1080p or VGA (1920 x 1200)
- Full-function infrared remote control, including an external receiver that lets you "hide" the switch and cables from view
- Automatically detects and selects active source and routes to display
- Lifetime Warranty

Package Contents

- HDMI Switch with Remote Control
- External infrared receiver

OPERATION



1. Using HDMI cable no longer than 20 m (approx. 65 ft.), connect the HDMI input sources (for example, a pair of HDMI DVDs, as shown above) to the Input port(s) of the switch.
2. Using HDMI cable no longer than 15 m (approx. 50 ft.), connect your HDMI viewing device to the Output port of the switch.
3. Select an input/signal source by pressing the button on the switch that corresponds to the input port the desired device is connected to. ***NOTE:*** This switch features an "intelligent" function: If a connected input source is disconnected or turned off, the switch will automatically select the connected and powered-on device that follows in the input port sequence; for example, if the device connected to Input port 1 is turned off or disconnected, the switch will select the device connected to Input port 2. (Standby mode is read by the switch as still powered on.)

4. Insert a battery in the remote control.
5. Connect the included external infrared receiver and place it wherever it will receive an unobstructed signal from the remote control.

Operation Tips

- Always connect and remove cables gently to prevent damage.
- If using HDMI cable longer than 5 m (approx. 16 ft.), use a power adapter (not included) and connect the switch to an A/C outlet.
- If the switch's Power LED doesn't light, check that the switch is on.
- If there is no video display:
  - check that the display unit is turned on;
  - confirm that all cables are properly connected.
- If there is no audio:
  - check the display device volume;
  - turn off, then turn back on the HDMI source(s) and the HDMI Switch.
- If the remote control doesn't work, make sure the remote signal is reaching the external receiver, or replace the battery.
- If a DVI device doesn't work, make sure that it's HDCP-compliant.

SPECIFICATIONS

Standards & Certifications

- HDMI 1.3b, HDCP 1.0 / 1.1, DVI 1.0, CE, FCC, UL

Connections

- (1) HDMI female (output)
- (3) HDMI female (intput)
- Power: 5 V DC / 2 A (adapter not included)
- IR receiver: 3.5 mm stereo plug

Signal Input/Output

- Input video signal: 0.5 – 1.0 V p-p
- Input DDC signal: 5 V p-p (TTL)
- Max. single-link range: 2.5 Gbps, 1920 x 1200 and 1080p
- Frequency: 2.25 Gbps / 250 MHz
- Output video: HDMI 1.3b, HDCP 1.0 / 1.1
- Source-to-switch range: 1080p, up to 20 m (65 ft.)
- Switch-to-display range: 1080p, up to 15 m (50 ft.)

Video Resolutions

- VGA: 640 x 480, 800 x 600, 1024 x 768, 1920 x 1200
- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p

Physical

- Dimensions: 80 x 58 x 18 mm (3.15 x 2.28 x 0.7 in.)
- Weight: 55 g (1.9 oz.)

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